



Sequence List

<110> TSUNEOKA, Makoto
KIMURA, Hiroshi

<120> Cancer-Associated Gene Mina53, Protein Mina53 and Monoclonal Antibody Thereof

<130> 2004-1597A/WMC/00279

<140> 10/509,073

<141> 2005-01-12

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<212> DNA

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agt ccc agt agt ctc ttt gaa agt tta atc tcg ccc atc aag aca gag act ttt	162
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agc cgg ggg atg tac tat gga aga gat gtg aat gtc tgc cgg tgt gtc aat ggg	324
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Lys Lys Lys Val Leu Asn Lys Asp Gly Lys Ala His Phe Leu Gln Leu Arg Lys	
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Asp Phe Asp Gln Lys Arg Ala Thr Ile Gln Phe His Gln Pro Gln Arg Phe Lys	
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gat gag ctt tgg agg atc cag gag aag ctg gaa tgt tac ttt ggc tcc ttg gtt	486
Asp Glu Leu Trp Arg Ile Gln Glu Lys Leu Glu Cys Tyr Phe Gly Ser Leu Val	
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Asp Asp Val Glu Val Phe Ile Leu Gln Leu Glu Gly Glu Lys His Trp Arg Leu	
185 190 195	

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cac His	gtg Val	acc Thr 255	atc Ile	agc Ser	acc Thr	tac Tyr	cag Gln 260	aac Asn	aat Asn	tca Ser	tgg Trp	gga Gly 265	gat Asp	ttc Phe	ctt Leu	ttg Leu	gat Asp 270	810
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ctg Leu	gta Val	tta Leu	tcc Ser	ctc Leu 455	tgg Trp	aca Thr	gaa Glu	tgt Cys	tta Leu 460	att Ile	caa Gln	gta Val	gtc Val	tag				1395

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tgc aag cgg gtg aag gag gag ctg cct gaa acg ctt tct gta tta aac ttt gac	108
Cys Lys ₂₀ Arg Val Lys Glu Glu ₂₅ Leu Pro Glu Thr Leu ₃₀ Ser Val Leu Asn Phe ₃₅ Asp	
agc ccc agt agt ttc ttc gaa agt tta atc tca ccc atc aaa gta gag act ttt	162
Ser Pro Ser Ser ₄₀ Phe Phe Glu Ser Leu ₄₅ Ile Ser Pro Ile Lys ₅₀ Val Glu Thr Phe	
ttc aag gaa ttc tgg gaa caa aag ccc ctt ctc att cag agg gat gac cct gta	216
Phe Lys Glu Phe Trp Glu ₆₀ Gln Lys Pro Leu ₆₅ Leu Ile Gln Arg Asp ₇₀ Asp Pro Val	
ctg gcc aaa tat tac cag tct ctg ttc agc ctc tca gat ctg aag aga ctc tgc	270
Leu Ala Lys ₇₅ Tyr Tyr Gln Ser Leu ₈₀ Phe Ser Leu Ser Asp ₈₅ Leu Lys Arg Leu Cys ₉₀	
aag aaa gga gtg tac tat gga aga gac gtg aat gtc tgc cgg agc atc agt ggg	324
Lys Lys Gly Val Tyr ₉₅ Tyr Gly Arg Asp Val ₁₀₀ Asn Val Cys Arg Ser ₁₀₅ Ile Ser Gly	
aag aag aag gtt tta aat aag gat ggc aga gca cat ttt ctt cag ctg aga aaa	378
Lys Lys ₁₁₀ Lys Val Leu Asn Lys ₁₁₅ Asp Gly Arg Ala His ₁₂₀ Phe Leu Gln Leu Arg ₁₂₅ Lys	
gat ttt gat cag aag agg gca aca att cag ttt cac caa cct cag aga tat aag	432
Asp Phe Asp Gln ₁₃₀ Lys Arg Ala Thr Ile ₁₃₅ Gln Phe His Gln Pro ₁₄₀ Gln Arg Tyr Lys	
gat gag ctg tgg cgg atc cag gaa aag ctg gaa tgt tac ttt ggg tcc tta gta	486
Asp Glu Leu Trp Arg Ile ₁₅₀ Gln Glu Lys Leu Glu ₁₅₅ Cys Tyr Phe Gly Ser ₁₆₀ Leu Val	
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Gly Ser Asn ₁₆₅ Val Tyr Met Thr Pro ₁₇₀ Ala Gly Ser Gln Gly ₁₇₅ Leu Pro Pro His Tyr ₁₈₀	
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Asp Asp Val Glu Val ₁₈₅ Phe Ile Leu Gln Leu ₁₉₀ Glu Gly Thr Lys His ₁₉₅ Trp Arg Leu	
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Tyr Ser ₂₀₀ Pro Thr Val Pro Leu ₂₀₅ Ala His Glu Tyr Ser ₂₁₀ Val Glu Ser Glu Asp ₂₁₅ Arg	
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Ile Gly Thr Pro ₂₂₀ Thr His Asp Phe Leu ₂₂₅ Leu Lys Pro Gly Asp ₂₃₀ Leu Leu Tyr Phe	
ccc aga ggg acc att cat cag gca gaa act cct tca ggc ctg gcc tac tct att	756
Pro Arg Gly Thr Ile His ₂₄₀ Gln Ala Glu Thr Pro ₂₄₅ Ser Gly Leu Ala Tyr ₂₅₀ Ser Ile	
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His Leu Thr ₂₅₅ Ile Ser Thr Tyr Gln ₂₆₀ Asn Asn Ser Trp Gly ₂₆₅ Asp Cys Leu Leu Asp ₂₇₀	
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